



# 2002 Report of Accomplishments Clallam Conservation District



## Natural Resource Improvements in 2002 - Summary

- *Water quality was improved in the Dungeness Bay watershed by eliminating loading of approximately 4.5 billion fecal coliform bacteria organisms per day to Matriotti Creek.*
- *20,258 feet of irrigation pipeline was installed to replace open ditches, eliminating three sources of contaminated irrigation tailwater to Matriotti Creek, saving an estimated 1.08 cubic feet per second of Dungeness River water for instream flow.*
- *Four animal waste storage structures and two roof runoff management systems were installed, and 1 ½ acres of heavy use area were protected to prevent contamination to ground and surface water in the Sequim-Dungeness Clean Water District.*
- *A total of \$540,784 was spent on conservation practice implementation and habitat improvement. \$277,677 in match was contributed from various sources, including landowners and local funding.*



## Mission of the Clallam Conservation District

*To assist landowners and other stakeholders in the planning and implementation of decisions that encourage the conservation of natural resources.*

## Water Quality Implementation

- *Stabilized 1,200 feet of Siebert Creek streambank.*
- *One silage leachate collection system installed and ¼ acre of heavy use area protected to protect groundwater contamination.*
- *Participation in watershed planning processes in three Water Resource Inventory Areas, participation in NRCS Local Work Group process, and assistance in development of Matriotti Creek/Lower Dungeness TMDL report.*
- *Publication of quarterly newsletter and distribution to 1,400 households; over 800 contacts made at fairs and other public outreach events; organized and conducted local Envirothon competition.*

## Basic Funding

- *Basic Funding was used to pay overhead and administrative expenses not covered by other grants.*

## Local Funding – Clallam County

- *Partial funding for installation of one silage leachate collection system, ¾ acre of heavy use area protection, one waste storage structure, and one roof runoff management system.*
- *Monitored flow in streams throughout WRIs 19 and 20.*
- *Information and technical assistance provided to 83 landowners and four conservation plans were prepared; were assisted, Enter the accomplishments utilizing the local funding – when possible use the format above tie to on-the-landscape accomplishments.*
- *Eight BMP interpretive signs were designed for Robin Hill Farm Park; ten 4-H youth and seven adult leaders learned about manure management by attending a conservation district presentation.*
- *Prepared four grant proposals, two of which were funded.*

## Local Funding – Jamestown S’Klallam Tribe

- *Contributed \$90,925 toward construction of new Jimmycomelately Creek channel.*
- *Contributed \$37,251 toward implementation of irrigation ditch piping project in Carlsborg area.*
- *Funding for one acre of heavy use area protection, and one roof runoff management system.*

## Puget Sound/Water Quality

- *12,400 native plants & 296 rain barrels distributed reduce impacts of stormwater improve wildlife habitat.*
- *87 individuals will incorporate native plants and natural landscaping concepts into their landscapes as a result of participation in workshops on natural landscaping; 55 people learned about stormwater impacts and management by attending a conservation district presentation; 600 school children and 39 teachers/parents participated in educational programs lead by conservation district; nine BMP interpretive signs installed at Robin Hill Farm Park.*
- *Information and technical assistance provided to 21 landowners.*

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### **Conservation Reserve Enhancement Program (CREP)**

- *Enrolled six landowners (34 acres) into program.*

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### **Dairy**

- *Provided technical assistance and cost-share funding to replace 4,500 feet of open irrigation ditch with buried pipeline, thus eliminating one potential source of water pollution and removing one instream pumping station from Matriotti Creek.*
- *Provided cost-share funding for construction of one manure lagoon, and technical assistance for design of a waste storage structure, and construction of a silage leachate collection system a ¼ acre of heavy use area protection to reduce potential ground and surface water pollution.*
- *Prepared and approved two dairy nutrient management plans.*
- *Provided \$26,526 in cost-share.*

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### **Irrigation Efficiencies**

- *Conducted eligibility evaluations on 51 potential projects.*
- *Performed surveying & design for 5 projects with potential piping of over 25,000 ft. of irrigation ditch.*
- *Project implementation was prevented due to delayed issuance of an Environmental Impact Statement by the Department of Ecology.*

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### **Irrigation Water Quality Improvement – WSCC Competitive Grant**

- *Reduction of over 450 million fecal coliform bacteria organisms per day from Matriotti Creek through elimination of irrigation tailwater source.*
- *Replacement of 4,258 feet of open irrigation ditch with pipeline to eliminate tailwater and save approximately 0.38 cfs of Dungeness River water for instream flow.*
- *18 irrigation tailwater quality samples collected and analyzed.*

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### **Irrigation Water Quality Improvement – DOE Centennial Clean Water Fund**

- *Reduction of over 4 billion fecal coliform bacteria organisms per day from Matriotti Creek through elimination of irrigation tailwater source.*
- *Replacement of nearly 12,000 feet of open irrigation ditch with pipeline to eliminate tailwater and save approximately 0.70 cfs of Dungeness River water for instream flow.*
- *160 irrigation tailwater quality samples collected and analyzed.*

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### **Dungeness River Habitat Restoration Project – National Fish & Wildlife Foundation Grant**

- *Contributed \$44,242 toward implementation of above project.*

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### **Watershed Conservation/Habitat Restoration – DOE Centennial Clean Water Fund Jimmycomelately Creek Grant and Jamestown S’Klallam Tribe Grant**

- *2,300 lineal feet of floodplain excavated and 450 lineal feet of new stream channel completed.*

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### **Small Farm Programs – DOE Centennial Clean Water Fund Grant**

- *105 feet of riparian protection fencing installed, three heavy use areas protected, and two roof runoff management systems installed.*
- *Six conservation plans prepared for 135 acres.*
- *Information and technical assistance provided to 119 individuals.*
- *Seventy-eight individuals learned about stewardship by participating in two Horse and Land Care Workshops.*

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### **Information & Education – PSAT Horses for Clean Water PIE Grant**

- *Fifty individuals learned about stewardship by participating in a Horses for Clean Water Workshops.*
- *Eighteen out of 20 participants contacted during a follow-up survey indicated they implemented BMPs as a result of their participation in the workshops.*

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### **Washington Conservation Districts assisting land managers with their conservation choices**

